**Chapter 1 Project Guidelines**

**Objective:** You will research a job of interest, calculate the estimated bring home pay, and find a house that you like and can afford on your budget.

**Overview:**

1. Take the career quizzes
2. Research 5 careers
3. Choose one career
4. Look at that career’s pay
5. Find a house you can afford with your career
6. Create a power point with all this info & present

**Due on Day of Presentation**

* This packet, completed
* PowerPoint

**\*If you do not present on the day you are scheduled, you will be deducted one letter grade for each day you are late.**

**\*\*If you are absent on the day you are scheduled to present you will be expected to present on the day you return.**

**\*\*\*If you do not have all items needed on the day you are scheduled to present, you will not be allowed to present. You will receive one letter grade per day that you are unprepared to present.**

**Project:**

**Complete the Career Interest Inventory Quiz #1:** [**http://joboutlook.gov.au/pages/careerquiz.aspx**](http://joboutlook.gov.au/pages/careerquiz.aspx)

* Fill out the 15 questions and click “see results”

***Quiz #1 Results:***

List your top 2 categories (from the bar graph)

Click on each of these top 2 categories and list the top 2 jobs that interest you from the lists that are given (you may have to click through to narrow your search) and the weekly wage

Category 1 Category 2

JOB 1: JOB 1:

SALARY 1: SALARY 1:

JOB 2: JOB 2:

SALARY 2: SALARY 2:

**Complete the Career Interest Inventory Quiz #2:** [**http://www.free-career-test.com/lp/fct/index\_9.asp**](http://www.free-career-test.com/lp/fct/index_9.asp)

* Complete the profile
* Take the quiz (100 questions)
* ANSWER ***NO*** TO ANY BONUS QUESTIONS
* Once completed, review your results (click NO to all advertisements) and complete the questions on the follow up activity about the quiz (next page)

***Quiz #2 Results:***

From the first page of results:

What are your top 4 occupational interests: (you can click on these to find more info)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are your top 2 work styles: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do these results agree with the results of the first quiz?

From the next page of results, List your highest Interest scores (anything over 70):

From the next page of results, list your lowest interest scores (anything below 30):

From page 8 of results, Sketch your workplace fit graph below. LABEL THE GRAPH!!!

What does this graph tell you?

On the next page of results, review your intrinsic and extrinsic values.

**RESEARCH YOUR CAREERS:**

From the results of the two career interest quizzes:

1. Choose 5 occupations that interest you the most. Write them in the **first** column below.

|  |  |  |
| --- | --- | --- |
| **Occupations of interest** | **Education/Experience/Training Required** | **Starting Salary** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. Do some research and find out what education is required for each occupation, and what the starting salary usually is. Follow the steps below, then write this information in the second and third columns above.

To find info about careers:

* Go to [www.myplan.com](http://www.myplan.com)
* Click on CAREERS
* On the left hand side of the window, under NEW USERS, click CREATE FREE ACCOUNT
* Go through the process of registering
* Once finished, click the CAREERS tab at the top of the screen
* Then in the career resources spot, type in the name of a career you want to research
* There will be a lot of options that come up. Look through til you find the one you want, and click on the PORTFOLIO for that career.
* You will then see that the career is added to your “MY CAREERS” section on the left side of the page
* When you want to look at the info about the career, click on it on the left side of the page, and it will give you all info needed about the job.
* Record all info above

**Complete the Mortgage Calculations:**

**Now choose ONE of the 5 careers that you researched above to be your MAIN career: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) What is the annual starting salary? (If your job listed hourly wage, assume you work 50 weeks per year, 40 hours a week)

2) Using your annual pay calculated above: Assume 30% is taken out for various taxes. How much is this?

3) So how much money will you actually bring home per year? BE SURE TO SHOW YOUR WORK

4) Using your answer to #3, figure out how much money you will bring home in a month (divide by 12). SHOW YOUR WORK

5) Statistics say that a mortgage payment should ***not*** be more than 25% of your monthly take home pay. With that being said, how much money can you spend on a mortgage payment (take 25% of your answer to #4)? BE SURE TO SHOW YOUR WORK

**Find a house**

* Go to [www.realtor.com](http://www.realtor.com) and find a house that you can afford.
  + At the top of the page, click on Finance
  + In the middle of the page, under HOME AFFORDABILITY, fill in Gross Income with your annual salary from your chosen career
  + Put monthly debts at $100 change down payment to $8,000, change the interest rate to 4%, then Click calculate
  + This will tell you what you can afford for a home price (total) and it will give you the monthly payment you will pay (this should be inside the range you calculated in question #5 above).
  + Now go back to the main page and look for a house that you can afford! You can type in a price range and location and it will give you options
  + You may have to try different locations til you find a house you can afford!
* Fill in the following info:

City, state: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bedrooms: \_\_\_\_\_\_\_ Bath: \_\_\_\_\_\_

Square footage:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Other features:

**Create a presentation about your career!**

Create a power point presentation with slides about

* + Your career interest results (from both Quiz #1 and Quiz #2)
  + The 5 jobs you chose to research
  + Your chosen career, what education it requires and what it pays.
  + Calculations on how much you can afford to pay for your mortgage
  + Your house (how much you can afford, where it is, features, PICTURES!)

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Applied Math- Chapter 1 project

**ITEM POINTS POSS. POINTS DEDUCTED**

In class work habits 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Career Quiz #1 20 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Career Quiz #2 30 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5 career options researched 30 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mortgage Calculations 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

House Questions 5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Power Point (min 6 slides, pictures, etc.) 20 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Presentation 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Days late - 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TOTAL 150 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**